

## SMAXTEC pH BOLUS SX.2

The smaXtec pH Bolus SX.2 continuously measures pH levels, inner body temperature, rumination and activity levels of cows inside the reticulum.



### TECHNICAL DETAILS

- **Modell** TX-2142P (EU);  
UX-2142P (USA/CAN)
- **Dimensions** 132 × 35 mm (length × diameter)
- **Weight** ~ 220 g
- **Certificate** Rumen fluid resistant – materials tested by the German Agricultural Society (DLG)
- **Antenna** Internal
- **Readout range** typically 50 m/165 ft, up to 300 m/985 ft\*
- **Memory** Internal measurement value memory: 6 days (24h/day);  
after 6 days old data will be replaced by new data  
approx. 5 years\*
- **Battery lifetime** adaptive between 15 seconds and 20 minutes
- **Time resolution** Temperature: 20° C – 60° C/68 – 140° F
- **Measurement range** pH: 3 – 9
- **Rel. measurement accuracy** Temperature: ± 0,01° C / ± 0,18° F  
pH: up to day 90: ± 0,2  
up to day 150: ± 0,4
- **Duration of pH value measurement** 150 days
- **Activity index** 0 to 100
- **Rumination** 0 - 720 minutes in 24h

\*depending on farm layout, country regulations, obstructions, surroundings

UNDERSTAND YOUR COW. FROM WITHIN.

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